

ABSTRACT OF THE DISCLOSURE

An apparatus supporting both identification of a battery type and communications over an interface between a battery and an electronic device is disclosed. The electronic device  
5 includes a processor for communicating with communications circuitry of the battery. Identification circuitry associated with the processor enables a determination of the type of battery with which the electronic device is connected. If a "smart" battery capable of carrying out  
10 serial communications with the electronic device is connected, the electronic device further provides means for carrying out communications between the processor and the communication circuitry of the battery.